

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



CIP/PCT NATIONAL/PLA
ORIGINAL/SUBSTITUTE/SUPPLI NTAL
DECLARATIONS

DECLARATION AND POW OF ATTORNEY
FOR PATENT AP I ATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the **INVENTION ENTITLED T1R Hetero-Oligomeric Taste Receptors and Cell Lines That Express Said Receptors and Use Thereof for Identification of Taste Compounds**

the specification of which (CHECK applicable BOX(ES))

X
BOX(ES) → B. ☒ was filed on June 26, 2002 as U.S. Application No. /
→ C. ☐ was filed as PCT International Application No. PCT/ / on

and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S)

Number	Country	Day/MONTH/Year Filed	Date first Laid-open or Published	Date Patented or Granted	Priority NOT Claimed
--------	---------	----------------------	-----------------------------------	--------------------------	----------------------

If more prior foreign applications, X box at bottom and continue on attached page.

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)

Application No. (series code/serial no.)	Day/MONTH/Year Filed	Status pending, abandoned, patented	Priority NOT Claimed
60/300,434	26 June 2001	pending	
09/897,427	3 July 2001	pending	
60/304,749	13 July 2001	pending	
60/310,493	8 August 2001	pending	
60/331,771	21 November 2001	pending	
60/339,472	14 December 2001	pending	
10/035,045	3 January 2002	pending	
60/372,090	15 April 2002	pending	
60/374,143	22 April 2002	pending	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Pillsbury Winthrop LLP, Intellectual Property Group, telephone number (703) 905-2000 (to whom all communications are to be directed), and persons of that firm who are associated with USPTO Customer No. 909 (see below label) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete from that Customer No. names of persons no longer with their firm, to add new persons of their firm to that Customer No., and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above firm and/or an attorney of that firm in writing to the contrary.

USE ONLY FOR
PILLSBURY WINTHROP



00909

Mark

Handwritten signature

Date:

7/12/02

Name	Mark		Zoller
	First	Middle Initial	Family Name
Residence	San Diego	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	5725 Dolphin Place, La Jolla, CA		
(include Zip Code)	92037		

(2) INVENTOR'S SIGNATURE:

Handwritten signature

Date:

7/12/02

Name	Xiaodong		LI
	First	Middle Initial	Family Name
Residence	San Diego	California	China
	City	State/Foreign Country	Country of Citizenship
Mailing Address	3435 Waco St., Apt. 3, San Diego, CA		
(include Zip Code)	92117		

☒ FOR ADDITIONAL INVENTORS see attached page.

☐ See additional foreign priorities on attached page (incorporated herein by reference).

Atty. Dkt. No. P291566

DECLARATION AND POWER OF ATTORNEY

(continued)

ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date: 07/11/02

	Lena		Staszewski
	First	Middle Initial	Family Name
Residence	San Diego	California	Sweden
	City	State/Foreign Country	Country of Citizenship
Mailing Address	8270 Calle Nueva, San Diego, CA		
(include Zip Code)	92126		

(4) INVENTOR'S SIGNATURE:

Date:

	Shawn		O'Connell
	First	Middle Initial	Family Name
Residence	Encinitas	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	417 Village Run East, Encinitas, CA		
(include Zip Code)	92024		

(5) INVENTOR'S SIGNATURE:

Date:

	Sergey		Zozulya
	First	Middle Initial	Family Name
Residence	San Diego	California	Russia
	City	State/Foreign Country	Country of Citizenship
Mailing Address	14481 Yazoo Street, San Diego, CA		
(include Zip Code)	92129		

(6) INVENTOR'S SIGNATURE:

Date:

	Jon	Elliot	Adler
	First	Middle Initial	Family Name
Residence	San Diego	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	1099 Turquoise Street, Apt. 15, San Diego, CA		
(include Zip Code)	92109		

(7) INVENTOR'S SIGNATURE:

Date: 7-11-02

	Hong		Xu
	First	Middle Initial	Family Name
Residence	San Diego	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	3955 Via Holgura, San Diego, CA		
(include Zip Code)	92130		

(8) INVENTOR'S SIGNATURE:

Date: 7-11-02

	Fernando		Echeverri
	First	Middle Initial	Family Name
Residence	Chula Vista	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	2116 E Northshore Drive, Chula Vista, CA		
(include Zip Code)	91913		

(9) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			
(include Zip Code)			

(continued)
ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Date:

	Lena		Staszewski
	First	Middle Initial	Family Name
Residence	San Diego	California	Sweden
	City	State/Foreign Country	Country of Citizenship
Mailing Address	8270 Calle Nueva, San Diego, CA		
(Include Zip Code)	92128		

(4) INVENTOR'S SIGNATURE:

Date:

	Shawn		O'Connell
	First	Middle Initial	Family Name
Residence	Encinitas	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	417 Village Run East, Encinitas, CA		
(Include Zip Code)	92024		

(5) INVENTOR'S SIGNATURE:

Date:

	Sergey		Zozulya
	First	Middle Initial	Family Name
Residence	San Diego	California	Russia
	City	State/Foreign Country	Country of Citizenship
Mailing Address	14481 Yazoo Street, San Diego, CA		
(Include Zip Code)	92129		

(6) INVENTOR'S SIGNATURE:

Date:

	Jon	Elliot	Adler
	First	Middle Initial	Family Name
Residence	San Diego	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	1099 Turquoise Street, Apt. 15, San Diego, CA		
(Include Zip Code)	92109		

(7) INVENTOR'S SIGNATURE:

Date:

	Hong		Xu
	First	Middle Initial	Family Name
Residence	San Diego	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	3955 Via Holgura, San Diego, CA		
(Include Zip Code)	92130		

(8) INVENTOR'S SIGNATURE:

Date:

	Fernando		Echeverri
	First	Middle Initial	Family Name
Residence	Chula Vista	California	USA
	City	State/Foreign Country	Country of Citizenship
Mailing Address	2116 E Northshore Drive, Chula Vista, CA		
(Include Zip Code)	91913		

(9) INVENTOR'S SIGNATURE:

Date:

	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address			
(Include Zip Code)			

(Continued)
ADDITIONAL INVENTORS:

(3) INVENTOR'S SIGNATURE:

Lena		Staszewski	
First		Middle Initial	
Family Name			
Residence	San Diego	California	Sweden
City		State/Foreign Country	
Country of Citizenship			
Mailing Address		8270 Calle Nueva, San Diego, CA	
(Include Zip Code)		92126	

(4) INVENTOR'S SIGNATURE:

Date:

Shawn		O'Connell	
First		Middle Initial	
Family Name			
Residence	Encinitas	California	USA
City		State/Foreign Country	
Country of Citizenship			
Mailing Address		417 Village Run East, Encinitas, CA	
(Include Zip Code)		92024	

(5) INVENTOR'S SIGNATURE:

Date:

07/12/02

Sergey		Zozulya	
First		Middle Initial	
Family Name			
Residence	San Diego	California	Russia
City		State/Foreign Country	
Country of Citizenship			
Mailing Address		14481 Yazoo Street, San Diego, CA	
(Include Zip Code)		92129	

(6) INVENTOR'S SIGNATURE:

Date:

Jon		Adler	
First		Middle Initial	
Family Name			
Residence	San Diego	California	USA
City		State/Foreign Country	
Country of Citizenship			
Mailing Address		1099 Turquoise Street, Apt. 15, San Diego, CA	
(Include Zip Code)		92109	

(7) INVENTOR'S SIGNATURE:

Date:

Hong		Xu	
First		Middle Initial	
Family Name			
Residence	San Diego	California	USA
City		State/Foreign Country	
Country of Citizenship			
Mailing Address		3955 Via Holgura, San Diego, CA	
(Include Zip Code)		92130	

(8) INVENTOR'S SIGNATURE:

Date:

Fernando		Echeverri	
First		Middle Initial	
Family Name			
Residence	Chula Vista	California	USA
City		State/Foreign Country	
Country of Citizenship			
Mailing Address		2116 E Northshore Drive, Chula Vista, CA	
(Include Zip Code)		91913	

(9) INVENTOR'S SIGNATURE:

Date:

First		Middle Initial	
Family Name			
Residence			
City		State/Foreign Country	
Country of Citizenship			
Mailing Address			
(Include Zip Code)			



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
P.O. Box 1450
ALEXANDRIA, VA 22313-1450
www.uspto.gov

Paper No. 10

CROWELL & MORING, L.L.P.
INTELLECTUAL PROPERTY GROUP
P.O. BOX 14300
WASHINGTON, DC 20044-4300

COPY MAILED

AUG 15 2003

OFFICE OF PETITIONS

In re Application of
Mark Zoller, Xiaodong Li, Lena Staszewski,
Shawn O'Connell, Sergey Zozulya, Jon Adler,
Hong Xu and Fernando Echeverri
Application No. 10/179,373
Filed: June 26, 2002
Attorney Docket Number: P 0291566
Title of Invention: T1R
HETERO-OLIGOMERIC TASTE RECEPTORS:
AND CELL LINES THAT EXPRESS SAID
RECEPTORS AND USE THEREOF FOR
IDENTIFICATION OF TASTE COMPOUNDS

DECISION ACCORDING STATUS
UNDER 37 CFR 1.47(a)

#54074 US

This is in response to the renewed petition under 37 CFR 1.47(a), filed July 23, 2003.

The petition is GRANTED.

Petitioner has shown that the non-signing inventor has refused to join in the filing of the above-identified application after having been presented with the application papers. Specifically, the declaration of Robin Teskin attest a copy of the application was sent to non-signing inventor's last known address and non-signing inventor's legal representative. Additional attempts to contact the non-signing inventors went unanswered. The non-signing inventor's failure to respond to the application sufficiently establishes that he refuses to execute the application papers.

The above-identified application and papers have been reviewed and found in compliance with 37 CFR 1.47(a). This application is hereby accorded Rule 1.47(a) status.

As provided in Rule 1.47(c), this Office will forward notice of this application's filing to the non-signing inventor at the address given in the petition. Notice of the filing of this application will also be published in the Official Gazette.

This application is being forwarded to the Office of Initial Patent Examination for further processing.

Telephone inquiries related to this decision may be directed to the undersigned at (703) 306-0251.


Charlema R. Grant
Petitions Attorney
Office of Petitions



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
P.O. Box 1450
ALEXANDRIA, VA 22313-1450
www.uspto.gov

Dr. Jon Elliot Adler
1099 Turquoise Street Apt. 15
San Diego, CA 92122

In re Application of
Mark Zoller, Xiaodong Li, Lena Staszewski,
Shawn O'Connell, Sergey Zozulya, Jon Adler,
Hong Xu and Fernando Echeverri
Application No. 10/179,373
Filed: June 26, 2002
Attorney Docket Number: P 0291566
Title of Invention: T1R
HETERO-OLIGOMERIC TASTE RECEPTORS:
AND CELL LINES THAT EXPRESS SAID
RECEPTORS AND USE THEREOF FOR
IDENTIFICATION OF TASTE COMPOUNDS

COPY MAILED

AUG 15 2003

LETTER

OFFICE OF PETITIONS

Dear Dr. Adler:

You are named as a joint inventor in the above-identified United States patent application filed under the provisions of 35 U.S.C. § 116 (United States Code) and 37 C.F.R. § 1.47(a), Rules of Practice in Patent Cases. Should a patent be granted on the application you will be designated therein as a joint inventor.

As a named inventor you are entitled to inspect any paper in the file wrapper of the application, order copies of all or any part thereof (at a prepaid cost as per 37 C.F.R. § 1.19) or make your position of record in the application. Alternatively, you may arrange to do any of the preceding through a registered patent attorney or agent presenting written authorization from you. If you care to join the application, counsel of record (see below) would presumably assist you. Joining in the application would entail the filing of an appropriate oath or declaration by you pursuant to 37 C.F.R. § 1.63.

Telephone inquiries regarding this communication should be directed to Petitions Attorney Charlema R. Grant at (703) 306-0251. Requests for information regarding your application should be directed to the File Information Unit at (703) 308-2733. Information regarding how to pay for and order a copy of the application, or a specific paper in the application, should be directed to Certification Division at (703) 308-9726 or 1-800-972-6382 (outside the Washington D.C. area).

Charlema R. Grant
Petitions Attorney
Office of Petitions

Robin Teskin
CROWELL & MORING, L.L.P.
INTELLECTUAL PROPERTY GROUP
P.O. BOX 14300
WASHINGTON DC 20044-4300

cc: Marilyn Mika Spenser